			Zone	vvater	Balai	ıce	VVOIKII	ig ivio	aei					
ı	Project Name: Hollister - Air Project Number: 344738	port Reus	se Site								Smesrud, I Turf - warn			
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annua
	Days/Month	31	28	31	30	31	30	31	31	30	31	30	31	365
ater Supply														
verage Precipitation	[in]	2.74	2.79	2.12	0.88	0.34	0.06	0.04	0.05	0.31	0.65	1.65	2.06	13.69
Effective Precipitation	[%]		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
urface Runoff	[in]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ffective Rainfall	[in]	2.74	2.79	2.12	0.88	0.34	0.06	0.04	0.05	0.31	0.65	1.65	2.06	13.69
vailable Water	[in]	0.00	0.00	1.00	3.74	5.85	6.86	7.27	6.64	4.82	3.01	0.00	0.00	39.21
	[MG]	0.0	0.0	2.5	9.2	14.3	16.8	17.8	16.2	11.8	7.4	0.0	0.0	95.8
	[mgd]	0.0	0.0	0.1	0.3	0.5	0.6	0.6	0.5	0.4	0.2	0.0	0.0	
	[ac-ft]	0.0	0.0	7.5	28.1	43.9	51.5	54.5	49.8	36.1	22.6	0.0	0.0	294.1
vailable Water Flow to Irrigation/St	orage? (Y/N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
rrigation Requirements and Managen	nent													
otential Crop Evapotranspiration	[in]	1.22	1.58	2.92	3.88	5.02	5.55	5.86	5.36	4.17	3.06	1.58	1.16	41.36
ctual Crop Evapotranspiration	[in]		1.58	2.92	3.88	5.02	5.55	5.86	5.34	3.98	2.90	1.53	1.16	40.94
let Irrigation Requirement	[in]		0.00	0.80	3.00	4.68	5.49	5.82	5.31	3.86	2.41	0.00	0.00	31.37
Fross Irrigation Requirement	[in]		0.00	1.01	3.75	5.85	6.86	7.27	6.64	4.82	3.01	0.00	0.00	39.21
5 · · · · · · · · · · · · · · · · · · ·	[MG]		0.0	2.5	9.2	14.3	16.8	17.8	16.2	11.8	7.4	0.0	0.0	95.8
	[ac-ft]		0.0	7.5	28.1	43.9	51.5	54.5	49.8	36.1	22.6	0.0	0.0	294.1
Total Irrigation Applied	[in]		0.00	1.01	3.75	5.85	6.86	7.27	6.64	4.82	3.01	0.00	0.00	39.21
	[MG]		0.0	2.5	9.2	14.3	16.8	17.8	16.2	11.8	7.4	0.0	0.0	95.8
	[ac-ft]		0.0	7.5	28.1	43.9	51.5	54.5	49.8	36.1	22.6	0.0	0.0	294.1
rigation Losses	[in]		0.00	0.20	0.75	1.17	1.37	1.45	1.33	0.96	0.60	0.00	0.00	7.84
oil Profile Water Balance														
eginning Soil Moisture	[in]	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	
nding Soil Moisture	[in]		3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	
eep Percolation	[in]	1.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.9	4.1
oil Profile Salt Balance														
leginning Soil Salinity, ECe	[dS/m]	3.3	0.7	0.2	0.4	1.3	2.7	4.3	6.0	7.5	7.8	7.7	7.1	
nding Soil Salinity, ECe	[dS/m]	0.7	0.2	0.4	1.3	2.7	4.3	6.0	7.5	7.8	7.7	7.1	3.3	
				Irrig	gated Land =	90	0.0 acres							
			Soil Water	Storage at Field	d Capacity =	3.	60 inches							
		Soil Wa		Permanent Wi			90 inches							
				Water Holding			70 inches							
	Soil Water Storage	at Minimu	um Manageme	nt Allowed So	il Moisture :	2.	52 inches							
			(	General I	Design l	Paraı	neters							
rop Parameters				Notes:										
epletion Fraction	[-]						ction of total a							
ooting Depth	[ft]	1.5		resulting in	ET reduction	occurs.	Yield Respo	nse Factor	- A slope fa	ctor describ	ing the redu	ction in rela	tive yield ac	cording to
ield Response Factor	[-]						soil water shon							
alinity Induced Yield Reduction	[%/(dS/m)]						ncremental inc							
hreshold ECe	[dS/m]	6.9					ract at the thre							
							ors" for typical							
					n traction an actor and the		num rooting de ld ECe.	ptn. See	Ret-Crop S	ait i oieranc	e tor typicai	values of th	e salinity in	aucea yie
				. oudollon la	and ale	00110								
oil Parameters														
ield Capacity	[in/in]	0.20		Field Capac	city - Defined	as the	vater held at a	tension of	0.33 Bar.	Permanent V	Vilting Point	- Defined a	s the water	
ermanent Wilting Point	[in/in]	0.05		tension of 1			ntent measure field capacity a						oth. See " I	Ref-Soil

Combined Irrigation Application Efficiency - (average depth of water infiltrated and retained in the root zone following irrigation) / (average depth of water applied). See "Calc-Irrig Applic Efficiency" for guidelines on estimating.

Irrigation System Parameters
Combined Irrigation Application Efficiency

[-] 0.80